

Flush-type socket - VS-08-DSIV-L180-HYB SCO - 1456666

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Hybrid flush-type socket, Ethernet, 8-pos., M12 SPEEDCON, rear/screw mounting with M12 thread, with straight solder connection

M12 panel feed-through, rear mounting



Key Commercial Data

Packing unit	20 STK
Minimum order quantity	20 STK
GTIN	
GTIN	4046356620307

Technical data

Dimensions

Length of the solder pin	2.3 mm
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP67 (When plugged in)

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	0.5 A (Data) 6 A (Power)
Rated voltage	30 V (Data) 30 V (Power)
Rated surge voltage	0.8 kV
Number of positions	8

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Technical data

General

Insulation resistance	> 100 MΩ
Coding	Y - hybrid
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Degree of pollution	3
Connection method	Solder pins
Insertion/withdrawal cycles	≥ 100
Torque	1.5 Nm ... 2 Nm (Housing, installation side)
Mounting type	PCB mounting M12 x 1

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PPA
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	EPDM

Standards and Regulations

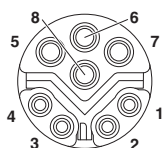
Flammability rating according to UL 94	V0
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

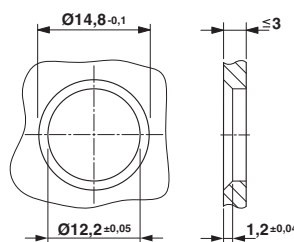
Drawings

Schematic diagram



Pin assignment M12 socket, 8-pos.

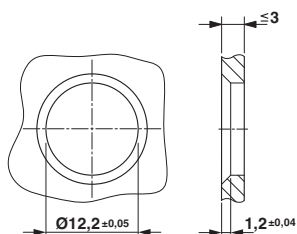
Dimensional drawing



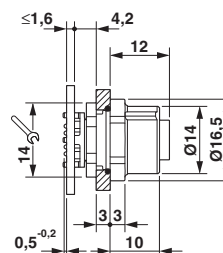
Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 1

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Dimensional drawing



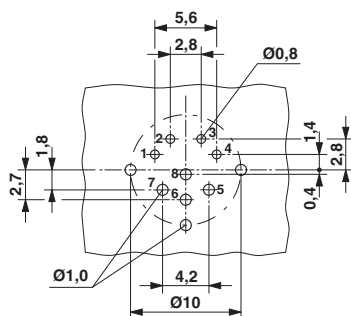
Dimensional drawing



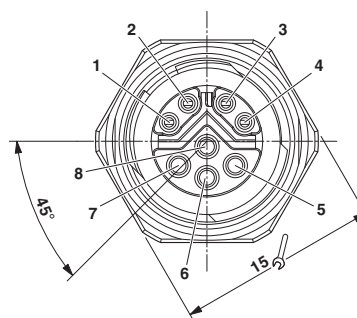
Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 2

M12 flush-type connector

Drilling diagram



Dimensional drawing



M12 front view

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals


Approval details


UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
Nominal voltage UN	56.5 V		
Nominal current IN	0.175 A		

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Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
Nominal voltage UN		56.5 V	
Nominal current IN		0.175 A	

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>